

Substitute for form 1449/PTO				Complete if Known	
				Application Number	09/852,229
				Filing Date	May 8, 2001
				First Named Inventor	Michael CRISTOFALO
				Art Unit	2611
				Examiner Name	H. V. Tran
Sheet	1	of	1	Attorney Docket Number	559442003900

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
HVT	1.	5,652,615	7/29/1997	BRYANT et al.	
	2.	5,758,257	5/26/1998	HERZ et al.	
	3.	5,790,176	8/4/1998	CRAIG	
	4.	5,956,716	7/21/1999	KENNER et al.	
	5.	6,026,376	2/15/2000	KENNEY	
	6.	6,038,000	3/14/2000	HURST, JR.	
	7.	6,104,443	8/15/2000	ADCOCK ET AL.	
	8.	6,141,010	10/31/2000	HOYLE	
	9.	6,326,982	12/4/2001	WU ET AL.	
	10.	2002/0032905	3/14/2002	SHERR ET AL.	
	11.	2002/0053078	5/2/2002	HOLTZ ET AL.	
	12.	2002/0056091	5/9/2002	BALA ET AL.	
	13.	6,487,721	11/26/2002	SADAFI	
	14.	6,509,908	1/21/2003	CROY ET AL.	
	15.	6,591,247	7/8/2003	STERN	
	16.	6,597,374	7/22/2003	BAKER ET AL.	
	17.	6,792,615	9/14/2004	ROWE ET AL.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
HVT	18.	CA-246,437	1/27/1925		abstract
HVT	19.	WO-90/00847-A	1/25/1990		abstract
HVT	20.	GB-2290431	12/20/1995		abstract
HVT	21.	EP-0847200-A1	6/10/1998		abstract
HVT	22.	WO-98-45902	10/15/1998		abstract
HVT	23.	WO-98-48566-A2	10/29/1998		abstract
HVT	24.	WO-99-55066-A1	10/28/1999		abstract

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
HVT	25.	WILLEBEEK-LEMAIR, et al. "On Multi-point Video Control Units for Videoconferencing", 1994, pp. 356-364, IBM T.J. Watson Research Center			
HVT	26.	"Overview," located at <a href="http://www.claria.com/companyinfo/">www.claria.com/companyinfo/</a> visited on March 1, 2005			

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>HVT</i>	Date Considered	09/29/00
va-96357			

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Docket Number: 559442003900	Application Number: 09/852,229
		Applicant	CRISTOFALO et al.
		Filing Date: May 8, 2001	Group Art Unit: 2611
		Mailing Date: November 23, 2004	

**U.S. PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
HVT	1.	9/30/1952	2,612,553	HOMRIGHOUS			
	2.	1/15/1957	2,777,901	DOSTERT			
	3.	3/18/1958	2,826,828	HAMILTON			
	4.	10/13/1959	2,908,767	FRITZINGER			
	5.	1/19/1960	2,921,385	HAMILTON			
	6.	11/7/1961	3,008,000	MORCHAND			
	7.	2/6/1962	3,020,360	GRATIAN et al.			
	8.	7/13/1965	3,194,895	TREADWELL			
	9.	11/30/1965	3,221,098	FELDMAN et al.			
	10.	4/12/1966	3,245,157	LAVIANA			
	11.	6/14/1966	3,255,536	LIVINGSTON			
	12.	9/20/1966	3,273,260	WALKER			
	13.	11/15/1966	3,284,923	LESLIE			
	14.	9/26/1967	3,343,280	TOLNAI			
	15.	1/30/1968	3,366,731	WALLERSTEIN			
	16.	6/4/1968	3,387,084	HINE et al.			
	17.	4/22/1969	3,440,342	BELTRAMI			
	18.	11/11/1969	3,477,144	STILLIT			
	19.	12/23/1969	3,484,950	SERRELL et al.			
	20.	12/23/1969	3,485,946	JACKSON et al.			
	21.	11/10/1970	3,538,621	MAYEDA			
	22.	12/15/1970	3,546,791	KOOS et al.			
	23.	3/2/1971	3,566,482	MORCHAND			
	24.	4/20/1971	3,575,861	FLOSSMOOR, III			
	25.	8/31/1971	3,602,582	TORRICELLI			
	26.	11/30/1971	3,623,238	LAPLUME et al.			
	27.	2/15/1972	3,643,217	MORPHEW et al.			
	28.	5/30/1972	3,665,615	LAPLUME			
	29.	1/9/1973	3,708,891	ROSOV			
	30.	4/3/1973	3,725,571	JUSTICE			

Form PTO-1449

Docket Number: 559442003900

Application Number: 09/852,229

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

CRISTOFALO et al.

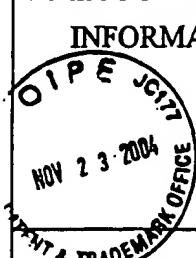
Filing Date: May 8, 2001

Group Art Unit: 2611

Mailing Date: November 23, 2004

UVT	31.	5/1/1973	3,730,980	KIRK JR.			
	32.	9/4/1973	3,757,225	ULICKI			
	33.	10/2/1973	3,763,377	WESTON			
	34.	10/9/1973	3,763,577	GOODSON			
	35.	11/27/1973	3,774,316	MEIER			
	36.	6/4/1974	3,814,841	ULICKI			
	37.	7/23/1974	3,825,674	JUSTICE			
	38.	9/3/1974	3,833,760	TICKLE			
	39.	11/19/1974	3,849,594	JUSTICE			
	40.	12/31/1974	3,857,999	JUSTICE			
	41.	1/14/1975	3,860,745	TAKADA			
	42.	8/26/1975	3,902,007	JUSTICE			
	43.	10/28/1975	3,916,092	JUSTICE			
	44.	2/3/1976	3,936,595	YANAGIMACHI et al.			
	45.	4/6/1976	3,947,972	FREEMAN			
	46.	10/26/1976	3,988,528	YANAGIMACHI et al.			
	47.	11/9/1976	3,991,266	BAER			
	48.	7/12/1977	4,034,990	BAER			
	49.	8/2/1977	4,040,088	HANNAN			
	50.	8/23/1977	4,044,380	JUSTICE et al.			
	51.	3/14/1978	4,078,316	FREEMAN			
	52.	4/22/1980	4,199,781	DOUMIT			
	53.	1/13/1981	4,245,245	MATSUMOTO et al.			
	54.	4/28/1981	4,264,924	FREEMAN			
	55.	4/28/1981	4,264,925	FREEMAN et al.			
	56.	9/15/1981	4,290,142	SCHNEE et al.			
	57.	9/29/1981	4,292,649	MACHEBOEUF			
	58.	12/8/1981	4,305,131	BEST			
	59.	5/25/1982	4,331,974	COGSWELL et al.			
	60.	6/1/1982	4,333,152	BEST			
	61.	11/30/1982	4,361,730	BARBER et al.			
	62.	4/26/1983	4,381,522	LAMBERT			
	63.	8/16/1983	4,399,329	WHARTON			

Form PTO-1449



INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442003900

Application Number: 09/852,229

Applicant

CRISTOFALO et al.

Filing Date: May 8, 2001

Group Art Unit: 2611

Mailing Date: November 23, 2004

1/1	64.	12/20/1983	4,422,105	RODESCH et al.			
	65.	3/27/1984	4,439,784	FURUKAWA et al.			
	66.	4/24/1984	4,445,137	PANOFSKY			
	67.	4/24/1984	4,445,187	BEST			
	68.	3/26/1985	4,507,680	FREEMAN			
	69.	5/7/1985	4,516,156	FABRIS et al.			
	70.	7/16/1985	4,530,008	MCVOY			
	71.	8/20/1985	4,536,791	CAMPBELL et al.			
	72.	10/8/1985	4,546,382	MCKENNA et al.			
	73.	11/26/1985	4,555,730	BRIGGS			
	74.	2/4/1986	4,569,026	BEST			
	75.	2/18/1986	4,571,640	BAER			
	76.	2/25/1986	4,573,072	FREEMAN			
	77.	3/4/1986	4,574,305	CAMPBELL et al.			
	78.	5/27/1986	4,591,248	FREEMAN			
	79.	7/8/1986	4,599,611	BOWKER et al.			
	80.	7/22/1986	4,602,279	FREEMAN			
	81.	10/7/1986	4,616,261	CRAWFORD et al.			
	82.	11/25/1986	4,625,235	WATSON			
	83.	1/6/1987	4,635,132	NAKAMURA			
	84.	2/17/1987	4,644,515	ALLEBEST et al.			
	85.	3/3/1987	4,647,980	STEVENTON et al.			
	86.	5/12/1987	4,665,431	COOPER			
	87.	9/15/1987	4,694,490	HARVEY et al.			
	88.	10/20/1987	4,701,896	ALLEBEST et al.			
	89.	11/3/1987	4,704,725	HARVEY et al.			
	90.	11/10/1987	4,706,121	YOUNG et al.			
	91.	3/22/1988	4,733,301	WRIGHT, JR.			
	92.	3/29/1988	4,734,764	POCOCK et al.			
	93.	6/7/1988	4,750,036	MARTINEZ			
	94.	8/9/1988	4,763,317	LEHMAN et al.			
	95.	8/30/1988	4,768,087	TAUB et al.			
	96.	10/11/1988	4,777,529	SCHULTZ			

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Docket Number: 559442003900	Application Number: 09/852,229		
				Applicant	CRISTOFALO et al.		
				Filing Date: May 8, 2001	Group Art Unit: 2611		
				Mailing Date: November 23, 2004			
121	97.	10/25/1988	4,780,757	BRYER et al.			
	98.	10/25/1988	4,780,758	LIN et al.			
	99.	11/15/1988	4,785,349	KEITH et al.			
	100.	11/22/1988	4,786,967	SMITH, III et al.			
	101.	2/21/1989	4,807,031	BROUGHTON et al.			
	102.	3/28/1989	4,816,905	TWEEDY et al.			
	103.	4/11/1989	4,821,101	SHORT			
	104.	6/13/1989	4,839,743	BEST et al.			
	105.	7/11/1989	4,846,693	BAER			
	106.	7/11/1989	4,847,690	PERKINS			
	107.	7/11/1989	4,847,698	FREEMAN			
	108.	7/11/1989	4,847,699	FREEMAN			
	109.	7/11/1989	4,847,700	FREEMAN			
	110.	8/8/1989	4,855,827	BEST			
	111.	8/29/1989	4,862,268	CAMPBELL et al.			
	112.	9/26/1989	4,870,591	CICCIARELLI et al.			
	113.	10/17/1989	4,875,096	BAER et al.			
	114.	10/24/1989	4,876,592	VON KOHORN			
	115.	12/5/1989	4,884,974	DESMET			
	116.	1/16/1990	4,894,789	YEE			
	117.	2/27/1990	4,905,094	POCOCK et al.			
	118.	4/10/1990	4,916,633	TYCHONIEVICH et al.			
	119.	4/17/1990	4,918,516	FREEMAN			
	120.	4/17/1990	4,918,620	ULUG			
	121.	5/8/1990	4,924,303	BRANDON et al.			
	122.	5/15/1990	4,926,255	VON KOHORN			
	123.	5/29/1990	4,930,019	CHU			
	124.	7/10/1990	4,941,040	POCOCK et al.			
	125.	8/14/1990	4,949,170	YANAGIDAIRA et al.			
	126.	10/23/1990	4,965,825	HARVEY et al.			
	127.	10/30/1990	4,967,368	BOLLING et al.			
	128.	11/20/1990	4,972,328	WU et al.			
	129.	12/4/1990	4,975,771	KASSATLY			

Form PTO-1449				Docket Number: 559442003900	Application Number: 09/852,229	
				Applicant	CRISTOFALO et al.	
				Filing Date: May 8, 2001	Group Art Unit: 2611	
				Mailing Date: November 23, 2004		
<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b></p> <p style="text-align: center;">(Use several sheets if necessary)</p>						
						
130.	1/22/1991	4,987,486	JOHNSON et al.			
131.	1/29/1991	4,988,111	GERLIZT et al.			
132.	1/29/1991	4,989,233	SCHAKOWSKY et al.			
133.	1/29/1991	4,989,234	SCHAKOWSKY et al.			
134.	2/5/1991	4,991,011	JOHNSON et al.			
135.	2/19/1991	4,994,908	KUBAN et al.			
136.	2/19/1991	4,995,036	COPEN et al.			
137.	3/19/1991	5,001,554	JOHNSON et al.			
138.	4/23/1991	5,010,400	OTO			
139.	4/23/1991	5,010,500	MAKKUNI et al.			
140.	5/7/1991	5,014,125	POCOCK et al.			
141.	6/11/1991	5,023,707	BRIGGS			
142.	6/25/1991	5,027,400	BAJI et al.			
143.	7/23/1991	5,033,969	KAMIMURA			
144.	7/23/1991	5,034,807	VON KOHORN			
145.	8/27/1991	5,043,891	GOLDSTEIN et al.			
146.	9/24/1991	5,051,822	RHOADES			
147.	10/1/1991	5,053,883	JOHNSON			
148.	10/8/1991	5,055,924	SKUTTA			
149.	10/15/1991	5,057,915	VON KOHORN			
150.	11/26/1991	5,068,733	BENNETT			
151.	12/31/1991	5,077,607	JOHNSON et al.			
152.	2/25/1992	5,090,708	GERLITZ et al.			
153.	3/3/1992	5,093,718	HOARTY et al.			
154.	4/28/1992	5,109,414	HARVEY et al.			
155.	4/28/1992	5,109,482	BOHRMAN			
156.	7/21/1992	5,132,992	YURT et al.			
157.	7/21/1992	5,133,079	BALLANTYNE et al.			
158.	10/20/1992	5,157,491	KASSATLY			
159.	12/29/1992	5,174,759	PRESTON et al.			
160.	1/5/1993	5,176,520	HAMILTON			
161.	1/5/1993	5,177,604	MARTINEZ			
162.	1/19/1993	5,181,107	RHOADES			

<p>Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i></p> <p>NOV 23 2004 U.S. PATENT AND TRADEMARK OFFICE</p>				Docket Number: 559442003900		Application Number: 09/852,229		
				Applicant		CRISTOFALO et al.		
				Filing Date: May 8, 2001		Group Art Unit: 2611		
				Mailing Date: November 23, 2004				
163.	2/23/1993	5,189,630	BARSTOW et al.					
164.	5/11/1993	5,210,611	YEE et al.					
165.	6/15/1993	5,220,420	HOARTY et al.					
166.	7/13/1993	5,227,874	VON KOHORN					
167.	7/27/1993	5,231,494	WACHOB					
168.	8/17/1993	5,236,199	THOMPSON JR.					
169.	8/24/1993	5,239,463	BLAIR et al.					
170.	8/24/1993	5,239,617	GARDNER et al.					
171.	9/21/1993	5,247,347	LITTERAL et al.					
172.	11/16/1993	5,261,820	SLYE et al.					
173.	3/1/1994	5,291,486	KOYANAGI					
174.	6/7/1994	5,318,450	CARVER					
175.	8/23/1994	5,340,317	FREEMAN					
176.	10/18/1994	5,357,276	BANKER et al.					
177.	11/15/1994	5,365,346	ABUMI					
178.	2/7/1995	5,388,197	RAYNER					
179.	4/4/1995	5,404,393	REMILLARD					
180.	4/11/1995	5,405,152	KATANICS et al.					
181.	5/2/1995	5,412,416	NEMIROFSKY					
182.	8/1/1995	5,438,355	PALMER					
183.	8/15/1995	5,442,389	BLAHUT et al.					
184.	8/22/1995	5,444,499	SAITO					
185.	10/3/1995	5,454,722	HOLLAND et al.					
186.	10/3/1995	5,455,910	JOHNSON et al.					
187.	11/14/1995	5,467,288	FASCIANO et al.					
188.	12/26/1995	5,479,268	YOUNG et al.					
189.	1/30/1996	5,488,411	LEWIS et al.					
190.	6/11/1996	5,526,478	RUSSELL JR. et al.					
191.	7/2/1996	5,532,748	NAIMPALLY					
192.	7/9/1996	5,534,944	EGAWA et al.					
193.	7/16/1996	5,537,141	HARPER et al.					
194.	7/30/1996	5,541,662	ADAMS et al.					
195.	9/17/1996	5,557,724	SAMPAT et al.					

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  <i>(Use several sheets if necessary)</i>				Docket Number: 559442003900	Application Number: 09/852,229																																																																																																																																																																																																																																								
				Applicant	CRISTOFALO et al.																																																																																																																																																																																																																																								
				Filing Date: May 8, 2001	Group Art Unit: 2611																																																																																																																																																																																																																																								
				Mailing Date: November 23, 2004																																																																																																																																																																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">196.</td><td>10/29/1996</td><td>5,570,295</td><td>ISENBERG et al.</td><td></td><td></td><td></td></tr> <tr><td>197.</td><td>12/17/1996</td><td>5,585,858</td><td>HARPER et al.</td><td></td><td></td><td></td></tr> <tr><td>198.</td><td>1/14/1997</td><td>5,594,492</td><td>O'CALLAGHAN et al.</td><td></td><td></td><td></td></tr> <tr><td>199.</td><td>1/14/1997</td><td>5,594,935</td><td>REBER et al.</td><td></td><td></td><td></td></tr> <tr><td>200.</td><td>2/4/1997</td><td>5,600,363</td><td>ANZAKI et al.</td><td></td><td></td><td></td></tr> <tr><td>201.</td><td>2/4/1997</td><td>5,600,364</td><td>HENDRICKS et al.</td><td></td><td></td><td></td></tr> <tr><td>202.</td><td>2/4/1997</td><td>5,600,366</td><td>SCHULMAN</td><td></td><td></td><td></td></tr> <tr><td>203.</td><td>2/4/1997</td><td>5,600,368</td><td>MATTHEWS, III.</td><td></td><td></td><td></td></tr> <tr><td>204.</td><td>2/4/1997</td><td>5,600,573</td><td>HENDRICKS et al.</td><td></td><td></td><td></td></tr> <tr><td>205.</td><td>3/11/1997</td><td>5,610,661</td><td>BHATT</td><td></td><td></td><td></td></tr> <tr><td>206.</td><td>3/18/1997</td><td>5,612,900</td><td>AZADEGAN et al.</td><td></td><td></td><td></td></tr> <tr><td>207.</td><td>9/9/1997</td><td>5,666,293</td><td>METZ et al.</td><td></td><td></td><td></td></tr> <tr><td>208.</td><td>10/28/1997</td><td>5,682,597</td><td>GANEK et al.</td><td></td><td></td><td></td></tr> <tr><td>209.</td><td>11/25/1997</td><td>5,692,214</td><td>LEVINE</td><td></td><td></td><td></td></tr> <tr><td>210.</td><td>12/2/1997</td><td>5,694,163</td><td>HARRISON</td><td></td><td></td><td></td></tr> <tr><td>211.</td><td>2/24/1998</td><td>5,721,827</td><td>LOGAN et al.</td><td></td><td></td><td></td></tr> <tr><td>212.</td><td>3/3/1998</td><td>5,724,091</td><td>FREEMAN et al.</td><td></td><td></td><td></td></tr> <tr><td>213.</td><td>7/7/1998</td><td>5,778,182</td><td>CATHEY et al.</td><td></td><td></td><td></td></tr> <tr><td>214.</td><td>7/21/1998</td><td>5,784,055</td><td>NGAI</td><td></td><td></td><td></td></tr> <tr><td>215.</td><td>7/28/1998</td><td>5,786,869</td><td>BACK et al.</td><td></td><td></td><td></td></tr> <tr><td>216.</td><td>8/11/1998</td><td>5,793,365</td><td>TANG et al.</td><td></td><td></td><td></td></tr> <tr><td>217.</td><td>10/6/1998</td><td>5,818,441</td><td>THROCKMORTON</td><td></td><td></td><td></td></tr> <tr><td>218.</td><td>10/27/1998</td><td>5,828,421</td><td>BOYCE et al.</td><td></td><td></td><td></td></tr> <tr><td>219.</td><td>1/26/1999</td><td>5,864,823</td><td>LEVITAN</td><td></td><td></td><td></td></tr> <tr><td>220.</td><td>7/27/1999</td><td>5,930,493</td><td>OTTESEN et al.</td><td></td><td></td><td></td></tr> <tr><td>221.</td><td>8/10/1999</td><td>5,937,329</td><td>HELMY et al.</td><td></td><td></td><td></td></tr> <tr><td>222.</td><td>11/9/1999</td><td>5,982,436</td><td>BALAKRISHNAN et al.</td><td></td><td></td><td></td></tr> <tr><td>223.</td><td>11/9/1999</td><td>5,983,069</td><td>CHO et al.</td><td></td><td></td><td></td></tr> <tr><td>224.</td><td>12/14/1999</td><td>6,002,393</td><td>HITE et al.</td><td></td><td></td><td></td></tr> <tr><td>225.</td><td>12/21/1999</td><td>6,005,561</td><td>HAWKINS et al.</td><td></td><td></td><td></td></tr> <tr><td>226.</td><td>12/28/1999</td><td>6,008,802</td><td>IKI et al.</td><td></td><td></td><td></td></tr> <tr><td>227.</td><td>2/22/2000</td><td>6,029,045</td><td>PICCO et al.</td><td></td><td></td><td></td></tr> <tr><td>228.</td><td>5/16/2000</td><td>6,064,973</td><td>SMITH et al.</td><td></td><td></td><td></td></tr> </table>							196.	10/29/1996	5,570,295	ISENBERG et al.				197.	12/17/1996	5,585,858	HARPER et al.				198.	1/14/1997	5,594,492	O'CALLAGHAN et al.				199.	1/14/1997	5,594,935	REBER et al.				200.	2/4/1997	5,600,363	ANZAKI et al.				201.	2/4/1997	5,600,364	HENDRICKS et al.				202.	2/4/1997	5,600,366	SCHULMAN				203.	2/4/1997	5,600,368	MATTHEWS, III.				204.	2/4/1997	5,600,573	HENDRICKS et al.				205.	3/11/1997	5,610,661	BHATT				206.	3/18/1997	5,612,900	AZADEGAN et al.				207.	9/9/1997	5,666,293	METZ et al.				208.	10/28/1997	5,682,597	GANEK et al.				209.	11/25/1997	5,692,214	LEVINE				210.	12/2/1997	5,694,163	HARRISON				211.	2/24/1998	5,721,827	LOGAN et al.				212.	3/3/1998	5,724,091	FREEMAN et al.				213.	7/7/1998	5,778,182	CATHEY et al.				214.	7/21/1998	5,784,055	NGAI				215.	7/28/1998	5,786,869	BACK et al.				216.	8/11/1998	5,793,365	TANG et al.				217.	10/6/1998	5,818,441	THROCKMORTON				218.	10/27/1998	5,828,421	BOYCE et al.				219.	1/26/1999	5,864,823	LEVITAN				220.	7/27/1999	5,930,493	OTTESEN et al.				221.	8/10/1999	5,937,329	HELMY et al.				222.	11/9/1999	5,982,436	BALAKRISHNAN et al.				223.	11/9/1999	5,983,069	CHO et al.				224.	12/14/1999	6,002,393	HITE et al.				225.	12/21/1999	6,005,561	HAWKINS et al.				226.	12/28/1999	6,008,802	IKI et al.				227.	2/22/2000	6,029,045	PICCO et al.				228.	5/16/2000	6,064,973	SMITH et al.			
196.	10/29/1996	5,570,295	ISENBERG et al.																																																																																																																																																																																																																																										
197.	12/17/1996	5,585,858	HARPER et al.																																																																																																																																																																																																																																										
198.	1/14/1997	5,594,492	O'CALLAGHAN et al.																																																																																																																																																																																																																																										
199.	1/14/1997	5,594,935	REBER et al.																																																																																																																																																																																																																																										
200.	2/4/1997	5,600,363	ANZAKI et al.																																																																																																																																																																																																																																										
201.	2/4/1997	5,600,364	HENDRICKS et al.																																																																																																																																																																																																																																										
202.	2/4/1997	5,600,366	SCHULMAN																																																																																																																																																																																																																																										
203.	2/4/1997	5,600,368	MATTHEWS, III.																																																																																																																																																																																																																																										
204.	2/4/1997	5,600,573	HENDRICKS et al.																																																																																																																																																																																																																																										
205.	3/11/1997	5,610,661	BHATT																																																																																																																																																																																																																																										
206.	3/18/1997	5,612,900	AZADEGAN et al.																																																																																																																																																																																																																																										
207.	9/9/1997	5,666,293	METZ et al.																																																																																																																																																																																																																																										
208.	10/28/1997	5,682,597	GANEK et al.																																																																																																																																																																																																																																										
209.	11/25/1997	5,692,214	LEVINE																																																																																																																																																																																																																																										
210.	12/2/1997	5,694,163	HARRISON																																																																																																																																																																																																																																										
211.	2/24/1998	5,721,827	LOGAN et al.																																																																																																																																																																																																																																										
212.	3/3/1998	5,724,091	FREEMAN et al.																																																																																																																																																																																																																																										
213.	7/7/1998	5,778,182	CATHEY et al.																																																																																																																																																																																																																																										
214.	7/21/1998	5,784,055	NGAI																																																																																																																																																																																																																																										
215.	7/28/1998	5,786,869	BACK et al.																																																																																																																																																																																																																																										
216.	8/11/1998	5,793,365	TANG et al.																																																																																																																																																																																																																																										
217.	10/6/1998	5,818,441	THROCKMORTON																																																																																																																																																																																																																																										
218.	10/27/1998	5,828,421	BOYCE et al.																																																																																																																																																																																																																																										
219.	1/26/1999	5,864,823	LEVITAN																																																																																																																																																																																																																																										
220.	7/27/1999	5,930,493	OTTESEN et al.																																																																																																																																																																																																																																										
221.	8/10/1999	5,937,329	HELMY et al.																																																																																																																																																																																																																																										
222.	11/9/1999	5,982,436	BALAKRISHNAN et al.																																																																																																																																																																																																																																										
223.	11/9/1999	5,983,069	CHO et al.																																																																																																																																																																																																																																										
224.	12/14/1999	6,002,393	HITE et al.																																																																																																																																																																																																																																										
225.	12/21/1999	6,005,561	HAWKINS et al.																																																																																																																																																																																																																																										
226.	12/28/1999	6,008,802	IKI et al.																																																																																																																																																																																																																																										
227.	2/22/2000	6,029,045	PICCO et al.																																																																																																																																																																																																																																										
228.	5/16/2000	6,064,973	SMITH et al.																																																																																																																																																																																																																																										

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>					Docket Number: 559442003900	Application Number: 09/852,229
Applicant CRISTOFALO et al.						
Filing Date: May 8, 2001					Group Art Unit: 2611	
Mailing Date: November 23, 2004						

<i>HVT</i>	229.	5/30/2000	6,070,149	TAVOR et al.			
	230.	6/13/2000	6,075,971	WILLIAMS et al.			
	231.	1/30/2001	6,181,334	FREEMAN et al.			
	232.	2/5/2002	6,345,122	YAMATO et al.			
	233.	4/16/2002	6,373,904	SAKAMOTO et al.			
	234.	7/9/2002	6,418,169	DATARI			
	235.	8/13/2002	6,434,621	PEZZILLO et al.			
	236.	8/13/2002	6,434,747	KHOO et al.			
	237.	12/17/2002	6,496,980	TILLMAN et al.			
	238.	4/15/2003	6,549,241	HIROI			
	239.	6/17/2003	6,580,462	INOUE et al.			
	240.	9/4/2001	6,286,140	IVANYI			
	241.	11/1/1988	RE 32776	SAYLOR			
	242.	8/10/1993	RE 34340	FREEMAN			

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES    NO
<i>HVT</i>	243.	10/14/1998	EP 0 871 337 A2	EUROPE			X
<i>HVT</i>	244.	9/29/1993	EP 0 562 221 A1	EUROPE			X
<i>HVT</i>	245.	5/3/1989	EP 0 314 572 A2	EUROPE			X
<i>HVT</i>	246.	12/19/1984	EP 0 128 481 A2	EUROPE			X
<i>HVT</i>	247.	11/25/1998	EP 0 879 536 B1	EUROPE			abstract
<i>HVT</i>	248.	12/2/1991	EP 0 489 387 A2	EUROPE			X
<i>HVT</i>	249.	10/1/1980	EP 0 016 314 A1	EUROPE			X
<i>HVT</i>	250.	2/1/1996	DE 44 27 046 A1	GERMANY			abstract
<i>HVT</i>	251.	3/7/1996	DE 44 31 438 A1	GERMANY			abstract
<i>HVT</i>	252.	2/21/2001	GB 2,353,430 A	GREAT BRITAIN			X
<i>HVT</i>	253.	7/29/1992	JP 4-207885	JAPAN			abstract
<i>HVT</i>	254.	6/10/1994	JP 6-165170	JAPAN			abstract
<i>HVT</i>	255.	2/1/1995	7-46198	JAPAN			abstract
<i>HVT</i>	256.	10/28/1994	JP 060303543	JAPAN			abstract

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>					Docket Number: 559442003900	Application Number: 09/852,229		
Applicant CRISTOFALO et al.								
Filing Date: May 8, 2001					Group Art Unit: 2611			
Mailing Date: November 23, 2004								

11/17	257.	10/15/1981	WO 81/02961	PCT			X	
11/17	258.	6/1/1993	WO 93/11617	PCT			X	
11/17	259.	11/1/1993	WO 93/22877	PCT			X	
11/17	260.	2/17/1994	WO 94/03851	PCT			X	
11/17	261.	2/22/1996	WO 96/05699	PCT			X	
11/17	262.	11/21/1996	WO 96/37075	PCT			X	
11/17	263.	6/6/1996	WO 96/17492	PCT			X	
11/17	264.	8/14/1997	WO 97/29458	PCT			X	
11/17	265.	6/19/1997	WO 97/22207	PCT			X	
11/17	266.	12/4/1997	WO 97/45965	PCT			X	
11/17	267.	12/3/1998	WO 98/54902	PCT			X	
11/17	268.	7/23/1998	WO 98/32284	PCT			X	
11/17	269.	7/23/1998	WO 98/32281	PCT			X	
11/17	270.	2/26/1998	WO 98/08340	PCT			X	
11/17	271.	10/8/1998	WO 98/44737	PCT			X	
11/17	272.	5/27/1999	WO 99/26415	PCT			X	
11/17	273.	2/25/1999	WO 99/09741	PCT			X	
11/17	274.	6/3/1999	WO 99/27713	PCT			X	
11/17	275.	8/5/1999	WO 99/39506	PCT			X	
11/17	276.	8/31/2000	WO 00/51310	PCT			X	
11/17	277.	3/23/2000	WO 00/16544 A	PCT			X	
11/17	278.	7/27/2000	WO 00/43853	PCT			X	
11/17	279.	4/5/2001	WO 01/24027	PCT			X	
11/17	280.	4/18/2002	WO 02/31627	PCT			X	

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  <i>(Use several sheets if necessary)</i>		Docket Number: 559442003900	Application Number: 09/852,229
		Applicant	CRISTOFALO et al.
		Filing Date: May 8, 2001	Group Art Unit: 2611
		Mailing Date: November 23, 2004	

O I P E S C I T  
NOV 23 2004  
PATENT & TRADEMARK OFFICE

## OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref No.	Title
UVF	281.	WITTIG et al. "Intelligent Media Agents In Interactive Television Systems" IEEE, 1995
	282.	BEAUDIN, "The Web is Not TV, Or Is It?," <a href="http://www.lcc.gatech.edu/gallery/dzine/webtv">http://www.lcc.gatech.edu/gallery/dzine/webtv</a> ; copyright 1996; visited on December 11, 2001
	283.	"EarthWeb and ACTV Unveil Hyper TV," <a href="http://www.3dsite.com/3dsite/cgi/publications/daily-spectrum/issue206.html">http://www.3dsite.com/3dsite/cgi/publications/daily-spectrum/issue206.html</a> ; visited on May 20, 2002
	284.	PROFFIT, "Intercast Brings Web to TV," January 21, 1997, PC Magazine, pp. 203-204.
	285.	Funkschau, DE, Franzis-Verlag, K.G. Munchen; "Verknuepfung Von TV MIT Internet, (Combining TV with the Internet), Vol. 16, No. 18; 16 August 1996, pp. 70-71, middle column, page 71, paragraph 2.
	286.	Tsuruta et al., A Knowledge Based Interactive Train Scheduling System Aiming At Large Scale Complex Planning Expert Systems, International Workshop on Artificial Intelligence for Industrial Applications, 1988, pp. 490-495.
	287.	HARLESS, et al., "Interactive Video Disc Case Studies for Medical Education," 10 <sup>th</sup> Annual Symposium on Computer Applications in Medical Care, October 25-26, 1986, pp. 183-187.
	288.	BOCK, "Videodisk Standards: A Software View of the Technology," SMPTE Journal, Vol. 92. No. 5, May 1983, pp. 571-576.
	289.	CAMPBELL, "Optimal Decision Making in a Business Simulation, System Sciences," 1989 Annual Hawaii International Conference, Volume III, pp. 822-831.
	290.	DAWSON, "Compression of the Fast Track," Cablevision, April 22, 1991, pp. 22-30.
	291.	GAULT, "Turning Cold Box Into Interactive TV," Crain's New York Business, July 15, 1991, p. 17.
	292.	GILDER, "Now or Never," Forbes, October 14, 1991, pp. 188-189.
	293.	KIM, "First All-Digital HDTV Developed by Video Cipher," Multichannel News, June 11, 1990, p. 35.
	294.	KIM, "ATC: Technical Tidal Wave to Engulf Cable Industry," Multichannel News, August 13, 1990, p. 33-34.
	295.	KIM, "Jerrold Offers Cable Digital Compression," Multichannel News, March 11, 1991, p. 6.
	296.	KIM, "Test Equipment for Digital Still a Puzzle," Multichannel News, May 27, 1991, p. 24.
	297.	MARTIAL et al., "An Interactive Planner for Open Systems," Proceedings of the 4 <sup>th</sup> Conference on Artificial Intelligence, March 1988, pp. 293-298.
	298.	POWELL, "Digitizing TV Into Obsolescence," New York Times, October 20, 1991.
	299.	WATERS, et al., "Talking Back to the Tube," Newsweek, December 3, 1990, pp. 56-57.
	300.	"Will it Revolutionize HDTV?," Broadcasting & Cable, June 4, 1990, pp. 33-34.
	301.	Cable Television Laboratories, "Video Storage in Digital Transmission," Space Technology, Vol. 3, No. 7, September 1991, p. 1-3.

Form PTO-1449

Docket Number: 559442003900

Application Number: 09/852,229

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

CRISTOFALO et al.

Filing Date: May 8, 2001

Group Art Unit: 2611

Mailing Date: November 23, 2004



302.	YU et al., "Design And Analysis Of Look Ahead Scheduling Scheme To Support Pause-Resume For Video-On-Demand Applications," <i>Multimedia Systems</i> , Volume 3, No. 4, Jan. 1995, pp. 137-149
303.	WEE et al., "Splicing MPEG Video Streams in the Compressed Domain," <i>IEEE</i> 1997, pp. 225-230
304.	HURST et al., "MPEG Splicing: A New Standard for Television-SMPTE 312M," <i>SMPTE Journal</i> , November 1998, pp. 978-988
305.	"Joining Television and the Internet Using Java", <i>Internet Week</i> , pp. 1-2, April 1, 1996
306.	Advanced Television Systems Committee, "ATSC Digital Television Standard" Revision A, April 6, 2001, pp. 1-65
307.	Advanced Television Systems Committee, "ATSC, Summary of Standards and Activities," November 21, 2000, pp. 1-3
308.	Advanced Television Systems Committee, "ATSC Data Broadcast Standard," July 26, 2000, pp. 1-88
309.	"Funkschau Fachzeitschrift für elektronische Kommunikation", Volume 6/96 of 3-1-96., pages 70-75. and English Translation of extract from Funkschau Fachzeitschrift für elektronische Kommunikation"

EXAMINER:

DATE CONSIDERED:

09/29/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



<p>Substitute for form 1449A/PTO  <b>U.S. DEPARTMENT OF COMMERCE</b>          (Modified) <b>PATENT AND TRADEMARK OFFICE</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				ATTY. DOCKET NO.: 5218.00	APPLICATION NO.: 09/852,229
				<b>FIRST NAMED INVENTOR:</b> CRISTOFALO et al.	
				<b>FILING DATE:</b> May 8, 2001	<b>ART UNIT:</b> 2611
Sheet	1	of	1	<b>EXAMINER NAME:</b> Andrew I. Faile	

## U.S. PATENT DOCUMENTS

RECEIVED

AUG 19 2002

## Technology Center 2600

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

**DATE  
CONSIDERED**

9/29/05

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.